



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 17684A

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare, of my own knowledge or on information and belief, that:

My residence, post office address and country of citizenship are as stated below next to my name;

I am the original, first and sole inventor, if only one inventor is identified below, or an original, first and joint inventor, if more than one inventor is identified below, of the subject matter which is claimed and for which a patent is sought and which is entitled:

FERRULE

and which is described and claimed:

- _____ in the attached application including specification and claims if this line is marked, or
- X in the original specification and claims filed on October 29, 2001 as U.S. Patent Application Number 10/055,611 or PCT International Application Number _____.

I have reviewed and understand the contents of the specification and the claims;

I acknowledge the duty to disclose information which is material to the examination of the application in accordance with 37 CFR §1.56(a). The text of 37 CFR §1.56(a) states,

"A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual

to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine: 1) prior art cited in search reports of a foreign patent office in a counterpart application, and 2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office;"

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Provisional Application No.: _____
Filing Date: _____

This application is a continuation pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No.: _____
U.S. Filing Date: _____ Status: _____

This application is a continuation-in-part pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No: 09/858,522
U.S. Filing Date: May 16, 2001 Status: _____

and I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56(a) which became available between the

filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I claim foreign priority, pursuant to 35 USC §119(a)-(d) of an application for patent or inventor's certificate, and identify below said application (if any is identified) and any such foreign application (if any is identified) having a filing date before that of the application on which foreign priority is claimed;

Application No.: 2000-143084 Country: Japan
Filing Date: May 16, 2000

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and I am warned that willful false statements and the like are punishable by fine or imprisonment, or both, (18 USC §1001) and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint Salvatore Anastasi (Registration No. 39090), Michael J. Aronoff (Registration No. 37770), Stephen J. Driscoll (Registration No. 37564) Robert J. Kapalka (Registration No. 34198), Driscoll A. Nina, Jr. (Registration No. 34685), and Bruce J. Wolstoncroft (Registration No. 32075), and whose post office address is: The Whitaker Corporation, 4550 New Linden Hill Road, Suite 450, Wilmington, DE 19808-2952, or their duly appointed associate, my attorneys or agents with full powers of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Direct all correspondence to the address:

Tyco Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952

Full Name of First Inventor:

Arie Hengelmolen

Inventor's Signature

Date

Residence Hofvijver 23, 5346 KB Oss, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Second Inventor:

Sjoerd van Geffen

Inventor's Signature

Date

Residence Distellaar 52, 5467 BP Veghel, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Third Inventor:

Rene van Bakel

Inventor's Signature

Date

Residence Bram van den Berghstraat 115, 5348 JZ, Oss,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fourth Inventor:

Ko Arts

Inventor's Signature Date
Residence Houtstr 5, 5831 GG Boxmeer, The Netherlands
Citizenship The Netherlands
Post Office Address Same as residence address

Full Name of Fifth Inventor:

Wilfred Vermeulen

Inventor's Signature Date
Residence Torenstraat 24, 5473 EL, Heeswijk-Dinther,
The Netherlands
Citizenship The Netherlands
Post Office Address Same as residence address

Full Name of Sixth Inventor:

Shurby Eloise

Inventor's Signature Date
Residence st. Jorisstraat 12, 5253 BL, Nieuw-Cuick,
The Netherlands
Citizenship The Netherlands
Post Office Address Same as residence address

Full Name of Seventh Inventor:

Martijn Scholten

Inventor's Signature

Date

Residence Elzepas 30, 6662 XC Elst, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Eighth Inventor:

Mike Gurreri

Inventor's Signature

Date

Residence 2156 Rillian Lane, York, Pennsylvania 17404, USA

Citizenship United States of America

Post Office Address Same as residence address

Full Name of Ninth Inventor:

Hiroyuki Yamada

Hiroyuki Yamada
Inventor's Signature

2002. ⁵ . 20
Date

Residence 19 Yawatakaigandori, Ichihara, Chiba, Japan

Citizenship Japan

Post Office Address Same as residence address

Full Name of Tenth Inventor:

Masahiro Hirao

Masahiro Hirao
Inventor's Signature

May. 21, 2002
Date

Residence 3-Chome Tatsumidai-higashi, Ichihara, Chiba, Japan

Citizenship The Netherlands

Post Office Address Same as residence address



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 17684A

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare, of my own knowledge or on information and belief, that:

My residence, post office address and country of citizenship are as stated below next to my name;

I am the original, first and sole inventor, if only one inventor is identified below, or an original, first and joint inventor, if more than one inventor is identified below, of the subject matter which is claimed and for which a patent is sought and which is entitled:

FERRULE

and which is described and claimed:

- _____ in the attached application including specification and claims if this line is marked, or
- X in the original specification and claims filed on October 29, 2001 as U.S. Patent Application Number 10/055,611 or PCT International Application Number _____.

I have reviewed and understand the contents of the specification and the claims;

I acknowledge the duty to disclose information which is material to the examination of the application in accordance with 37 CFR §1.56(a). The text of 37 CFR §1.56(a) states,

"A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual

to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine: 1) prior art cited in search reports of a foreign patent office in a counterpart application, and 2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office;"

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Provisional Application No.: _____
Filing Date: _____

This application is a continuation pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No.: _____
U.S. Filing Date: _____ Status: _____

This application is a continuation-in-part pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No: 09/858,522
U.S. Filing Date: May 16, 2001 Status: _____

and I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56(a) which became available between the

filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I claim foreign priority, pursuant to 35 USC §119(a)-(d) of an application for patent or inventor's certificate, and identify below said application (if any is identified) and any such foreign application (if any is identified) having a filing date before that of the application on which foreign priority is claimed;

Application No.: 2000-143084 Country: Japan
Filing Date: May 16, 2000

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and I am warned that willful false statements and the like are punishable by fine or imprisonment, or both, (18 USC §1001) and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint Salvatore Anastasi (Registration No. 39090), Michael J. Aronoff (Registration No. 37770), Stephen J. Driscoll (Registration No. 37564) Robert J. Kapalka (Registration No. 34198), Driscoll A. Nina, Jr. (Registration No. 34685), and Bruce J. Wolstoncroft (Registration No. 32075), and whose post office address is: The Whitaker Corporation, 4550 New Linden Hill Road, Suite 450, Wilmington, DE 19808-2952, or their duly appointed associate, my attorneys or agents with full powers of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Direct all correspondence to the address:

Tyco Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952

Full Name of First Inventor:

Arie Hengelmolen

Inventor's Signature

Date

Residence Hofvijver 23, 5346 KB Oss, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Second Inventor:

Sjoerd van Geffen

Inventor's Signature

Date

Residence Distellaar 52, 5467 BP Veghel, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Third Inventor:

Rene van Bakel

Inventor's Signature

Date

Residence Bram van den Berghstraat 115, 5348 JZ, Oss,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fourth Inventor:

Ko Arts

Inventor's Signature

Date

Residence Houtstr 5, 5831 GG Boxmeer, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fifth Inventor:

Wilfred Vermeulen

Inventor's Signature

Date

Residence Torenstraat 24, 5473 EL, Heeswijk-Dinther,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Sixth Inventor:

Shurby Eloise

Inventor's Signature

Date

Residence st. Jorisstraat 12, 5253 BL, Nieuw-Cuick,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Seventh Inventor:

Martijn Scholten

Inventor's Signature

Date

Residence Elzepas 30, 6662 XC Elst, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Eighth Inventor:

Mike Gurreri

Michael L. Gurreri
Inventor's Signature

5/6/02
Date

Residence 2156 Rillian Lane, York, Pennsylvania 17404, USA

Citizenship United States of America

Post Office Address Same as residence address

Full Name of Ninth Inventor:

Hiroyuki Yamada

Inventor's Signature

Date

Residence 19 Yawatakaigandori, Ichihara, Chiba, Japan

Citizenship Japan

Post Office Address Same as residence address

Full Name of Tenth Inventor:

Masahiro Hirao

Inventor's Signature

Date

Residence 3-Chome Tatsumidai-higashi, Ichihara, Chiba, Japan

Citizenship The Netherlands

Post Office Address Same as residence address



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 17684A

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare, of my own knowledge or on information and belief, that:

My residence, post office address and country of citizenship are as stated below next to my name;

I am the original, first and sole inventor, if only one inventor is identified below, or an original, first and joint inventor, if more than one inventor is identified below, of the subject matter which is claimed and for which a patent is sought and which is entitled:

FERRULE

and which is described and claimed:

- _____ in the attached application including specification and claims if this line is marked, or
- X in the original specification and claims filed on October 29, 2001 as U.S. Patent Application Number 10/055,611 or PCT International Application Number _____.

I have reviewed and understand the contents of the specification and the claims;

I acknowledge the duty to disclose information which is material to the examination of the application in accordance with 37 CFR §1.56(a). The text of 37 CFR §1.56(a) states,

"A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual

to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine: 1) prior art cited in search reports of a foreign patent office in a counterpart application, and 2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office;"

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Provisional Application No.: _____
Filing Date: _____

This application is a continuation pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No.: _____
U.S. Filing Date: _____ Status: _____

This application is a continuation-in-part pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No: 09/858,522
U.S. Filing Date: May 16, 2001 Status: _____

and I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56(a) which became available between the

filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I claim foreign priority, pursuant to 35 USC §119(a)-(d) of an application for patent or inventor's certificate, and identify below said application (if any is identified) and any such foreign application (if any is identified) having a filing date before that of the application on which foreign priority is claimed;

Application No.: 2000-143084 Country: Japan
Filing Date: May 16, 2000

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and I am warned that willful false statements and the like are punishable by fine or imprisonment, or both, (18 USC §1001) and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint Salvatore Anastasi (Registration No. 39090), Michael J. Aronoff (Registration No. 37770), Stephen J. Driscoll (Registration No. 37564) Robert J. Kapalka (Registration No. 34198), Driscoll A. Nina, Jr. (Registration No. 34685), and Bruce J. Wolstoncroft (Registration No. 32075), and whose post office address is: The Whitaker Corporation, 4550 New Linden Hill Road, Suite 450, Wilmington, DE 19808-2952, or their duly appointed associate, my attorneys or agents with full powers of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Direct all correspondence to the address:

Tyco Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952

Full Name of First Inventor:

Arie Hengelmolen

Inventor's Signature

Date

Residence Hofvijver 23, 5346 KB Oss, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Second Inventor:

Sjoerd van Geffen

Inventor's Signature

Date

Residence Distellaar 52, 5467 BP Veghel, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Third Inventor:

Rene van Bakel

Inventor's Signature

Date

Residence Bram van den Berghstraat 115, 5348 JZ, Oss,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fourth Inventor:

Ko Arts

Inventor's Signature

Date

Residence Houtstr 5, 5831 GG Boxmeer, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fifth Inventor:

Wilfred Vermeulen

Inventor's Signature

Date

Residence Torenstraat 24, 5473 EL, Heeswijk-Dinther,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Sixth Inventor:

Shurby Eloise

Inventor's Signature

Date

Residence st. Jorisstraat 12, 5253 BL, Nieuw-Cuick,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Seventh Inventor:

Martijn Scholten


Inventor's Signature

May 14, 2002
Date

Residence Elzepas 30, 6662 XC Elst, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Eighth Inventor:

Mike Gurreri

Inventor's Signature

Date

Residence 2156 Rillian Lane, York, Pennsylvania 17404, USA

Citizenship United States of America

Post Office Address Same as residence address

Full Name of Ninth Inventor:

Hiroyuki Yamada

Inventor's Signature

Date

Residence 19 Yawatakaigandori, Ichihara, Chiba, Japan

Citizenship Japan

Post Office Address Same as residence address

Full Name of Tenth Inventor:

Masahiro Hirao

Inventor's Signature

Date

Residence 3-Chome Tatsumidai-higashi, Ichihara, Chiba, Japan

Citizenship The Netherlands

Post Office Address Same as residence address



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 17684A

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare, of my own knowledge or on information and belief, that:

My residence, post office address and country of citizenship are as stated below next to my name;

I am the original, first and sole inventor, if only one inventor is identified below, or an original, first and joint inventor, if more than one inventor is identified below, of the subject matter which is claimed and for which a patent is sought and which is entitled:

FERRULE

and which is described and claimed:

- _____ in the attached application including specification and claims if this line is marked, or
- X in the original specification and claims filed on October 29, 2001 as U.S. Patent Application Number 10/055,611 or PCT International Application Number _____.

I have reviewed and understand the contents of the specification and the claims;

I acknowledge the duty to disclose information which is material to the examination of the application in accordance with 37 CFR §1.56(a). The text of 37 CFR §1.56(a) states,

"A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual

to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine: 1) prior art cited in search reports of a foreign patent office in a counterpart application, and 2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office;"

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Provisional Application No.: _____
Filing Date: _____

This application is a continuation pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No.: _____
U.S. Filing Date: _____ Status: _____

This application is a continuation-in-part pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No: 09/858,522
U.S. Filing Date: May 16, 2001 Status: _____

and I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56(a) which became available between the

filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I claim foreign priority, pursuant to 35 USC §119(a)-(d) of an application for patent or inventor's certificate, and identify below said application (if any is identified) and any such foreign application (if any is identified) having a filing date before that of the application on which foreign priority is claimed;

Application No.: 2000-143084 Country: Japan
Filing Date: May 16, 2000

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and I am warned that willful false statements and the like are punishable by fine or imprisonment, or both, (18 USC §1001) and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint Salvatore Anastasi (Registration No. 39090), Michael J. Aronoff (Registration No. 37770), Stephen J. Driscoll (Registration No. 37564) Robert J. Kapalka (Registration No. 34198), Driscoll A. Nina, Jr. (Registration No. 34685), and Bruce J. Wolstoncroft (Registration No. 32075), and whose post office address is: The Whitaker Corporation, 4550 New Linden Hill Road, Suite 450, Wilmington, DE 19808-2952, or their duly appointed associate, my attorneys or agents with full powers of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Direct all correspondence to the address:

**Tyco Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952**

Full Name of First Inventor:

Arie Hengelmolen

Inventor's Signature

Date

Residence Hofvijver 23, 5346 KB Oss, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Second Inventor:

Sjoerd van Geffen

Inventor's Signature

Date

Residence Distellaar 52, 5467 BP Veghel, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Third Inventor:

Rene van Bakel

Inventor's Signature

Date

Residence Bram van den Berghstraat 115, 5348 JZ, Oss,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fourth Inventor:

Ko Arts

Inventor's Signature

Date

Residence Houtstr 5, 5831 GG Boxmeer, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fifth Inventor:

Wilfred Vermeulen

Inventor's Signature

Date

Residence Torenstraat 24, 5473 EL, Heeswijk-Dinther,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Sixth Inventor:

Shurby Eloise

Inventor's Signature

Date

Residence st. Jorisstraat 12, 5253 BL, Nieuw-Cuick,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

13-5-2002

Full Name of Seventh Inventor:

Martijn Scholten

Inventor's Signature

Date

Residence Elzepas 30, 6662 XC Elst, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Eighth Inventor:

Mike Gurreri

Inventor's Signature

Date

Residence 2156 Rillian Lane, York, Pennsylvania 17404, USA

Citizenship United States of America

Post Office Address Same as residence address

Full Name of Ninth Inventor:

Hiroyuki Yamada

Inventor's Signature

Date

Residence 19 Yawatakaigandori, Ichihara, Chiba, Japan

Citizenship Japan

Post Office Address Same as residence address

Full Name of Tenth Inventor:

Masahiro Hirao

Inventor's Signature

Date

Residence 3-Chome Tatsumidai-higashi, Ichihara, Chiba, Japan

Citizenship The Netherlands

Post Office Address Same as residence address



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 17684A

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare, of my own knowledge or on information and belief, that:

My residence, post office address and country of citizenship are as stated below next to my name;

I am the original, first and sole inventor, if only one inventor is identified below, or an original, first and joint inventor, if more than one inventor is identified below, of the subject matter which is claimed and for which a patent is sought and which is entitled:

FERRULE

and which is described and claimed:

_____ in the attached application including specification and claims if this line is marked, or

 X in the original specification and claims filed on October 29, 2001 as U.S. Patent Application Number 10/055,611 or PCT International Application Number _____.

I have reviewed and understand the contents of the specification and the claims;

I acknowledge the duty to disclose information which is material to the examination of the application in accordance with 37 CFR §1.56(a). The text of 37 CFR §1.56(a) states,

"A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual

to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine: 1) prior art cited in search reports of a foreign patent office in a counterpart application, and 2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office;"

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Provisional Application No.: _____
Filing Date: _____

This application is a continuation pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No.: _____
U.S. Filing Date: _____ Status: _____

This application is a continuation-in-part pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No: 09/858,522
U.S. Filing Date: May 16, 2001 Status: _____

and I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56(a) which became available between the

filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I claim foreign priority, pursuant to 35 USC §119(a)-(d) of an application for patent or inventor's certificate, and identify below said application (if any is identified) and any such foreign application (if any is identified) having a filing date before that of the application on which foreign priority is claimed;

Application No.: 2000-143084 Country: Japan
Filing Date: May 16, 2000

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and I am warned that willful false statements and the like are punishable by fine or imprisonment, or both, (18 USC §1001) and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint Salvatore Anastasi (Registration No. 39090), Michael J. Aronoff (Registration No. 37770), Stephen J. Driscoll (Registration No. 37564) Robert J. Kapalka (Registration No. 34198), Driscoll A. Nina, Jr. (Registration No. 34685), and Bruce J. Wolstoncroft (Registration No. 32075), and whose post office address is: The Whitaker Corporation, 4550 New Linden Hill Road, Suite 450, Wilmington, DE 19808-2952, or their duly appointed associate, my attorneys or agents with full powers of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Direct all correspondence to the address:

Tyco Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952

Full Name of First Inventor:

Arie Hengelmolen

Inventor's Signature

Date

Residence Hofvijver 23, 5346 KB Oss, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Second Inventor:

Sjoerd van Geffen

Inventor's Signature

Date

Residence Distellaar 52, 5467 BP Veghel, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Third Inventor:

Rene van Bakel

Inventor's Signature

Date

Residence Bram van den Berghstraat 115, 5348 JZ, Oss,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fourth Inventor:

Ko Arts

Inventor's Signature

Date

Residence Houtstr 5, 5831 GG Boxmeer, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fifth Inventor:

Wilfred Vermeulen



Inventor's Signature

13-5-'02

Date

Residence Torenstraat 24, 5473 EL, Heeswijk-Dinther,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Sixth Inventor:

Shurby Eloise

Inventor's Signature

Date

Residence st. Jorisstraat 12, 5253 BL, Nieuw-Cuick,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Seventh Inventor:

Martijn Scholten

Inventor's Signature

Date

Residence Elzepas 30, 6662 XC Elst, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Eighth Inventor:

Mike Gurreri

Inventor's Signature

Date

Residence 2156 Rillian Lane, York, Pennsylvania 17404, USA

Citizenship United States of America

Post Office Address Same as residence address

Full Name of Ninth Inventor:

Hiroyuki Yamada

Inventor's Signature

Date

Residence 19 Yawatakaigandori, Ichihara, Chiba, Japan

Citizenship Japan

Post Office Address Same as residence address

Full Name of Tenth Inventor:

Masahiro Hirao

Inventor's Signature

Date

Residence 3-Chome Tatsumidai-higashi, Ichihara, Chiba, Japan

Citizenship The Netherlands

Post Office Address Same as residence address



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 17684A

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare, of my own knowledge or on information and belief, that:

My residence, post office address and country of citizenship are as stated below next to my name;

I am the original, first and sole inventor, if only one inventor is identified below, or an original, first and joint inventor, if more than one inventor is identified below, of the subject matter which is claimed and for which a patent is sought and which is entitled:

FERRULE

and which is described and claimed:

- _____ in the attached application including specification and claims if this line is marked, or
- X in the original specification and claims filed on October 29, 2001 as U.S. Patent Application Number 10/055,611 or PCT International Application Number _____.

I have reviewed and understand the contents of the specification and the claims;

I acknowledge the duty to disclose information which is material to the examination of the application in accordance with 37 CFR §1.56(a). The text of 37 CFR §1.56(a) states,

"A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual

to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine: 1) prior art cited in search reports of a foreign patent office in a counterpart application, and 2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office;"

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Provisional Application No.: _____
Filing Date: _____

This application is a continuation pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No.: _____
U.S. Filing Date: _____ Status: _____

This application is a continuation-in-part pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No: 09/858,522
U.S. Filing Date: May 16, 2001 Status: _____

and I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56(a) which became available between the

filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I claim foreign priority, pursuant to 35 USC §119(a)-(d) of an application for patent or inventor's certificate, and identify below said application (if any is identified) and any such foreign application (if any is identified) having a filing date before that of the application on which foreign priority is claimed;

Application No.: 2000-143084 Country: Japan
Filing Date: May 16, 2000

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and I am warned that willful false statements and the like are punishable by fine or imprisonment, or both, (18 USC §1001) and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint Salvatore Anastasi (Registration No. 39090), Michael J. Aronoff (Registration No. 37770), Stephen J. Driscoll (Registration No. 37564) Robert J. Kapalka (Registration No. 34198), Driscoll A. Nina, Jr. (Registration No. 34685), and Bruce J. Wolstoncroft (Registration No. 32075), and whose post office address is: The Whitaker Corporation, 4550 New Linden Hill Road, Suite 450, Wilmington, DE 19808-2952, or their duly appointed associate, my attorneys or agents with full powers of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Direct all correspondence to the address:

Tyco Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952

Full Name of First Inventor:

Arie Hengelmolen

Inventor's Signature

Date

Residence Hofvijver 23, 5346 KB Oss, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Second Inventor:

Sjoerd van Geffen

Inventor's Signature

Date

Residence Distellaar 52, 5467 BP Veghel, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Third Inventor:

Rene van Bakel

Inventor's Signature

Date


Residence Bram van den Berghstraat 115, 5348 JZ, Oss,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fourth Inventor:

Ko Arts


Inventor's Signature

21.05.02

Date

Residence Houtstr 5, 5831 GG Boxmeer, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fifth Inventor:

Wilfred Vermeulen

Inventor's Signature

Date

Residence Torenstraat 24, 5473 EL, Heeswijk-Dinther,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Sixth Inventor:

Shurby Eloise

Inventor's Signature

Date

Residence st. Jorisstraat 12, 5253 BL, Nieuw-Cuick,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Seventh Inventor:

Martijn Scholten

_____ Inventor's Signature	_____ Date
Residence <u>Elzepas 30, 6662 XC Elst, The Netherlands</u>	
Citizenship <u>The Netherlands</u>	
Post Office Address <u>Same as residence address</u>	

Full Name of Eighth Inventor:

Mike Gurreri

_____ Inventor's Signature	_____ Date
Residence <u>2156 Rillian Lane, York, Pennsylvania 17404, USA</u>	
Citizenship <u>United States of America</u>	
Post Office Address <u>Same as residence address</u>	

Full Name of Ninth Inventor:

Hiroyuki Yamada

_____ Inventor's Signature	_____ Date
Residence <u>19 Yawatakaigandori, Ichihara, Chiba, Japan</u>	
Citizenship <u>Japan</u>	
Post Office Address <u>Same as residence address</u>	

Full Name of Tenth Inventor:

Masahiro Hirao

Inventor's Signature

Date

Residence 3-Chome Tatsumidai-higashi, Ichihara, Chiba, Japan

Citizenship The Netherlands

Post Office Address Same as residence address



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 17684A

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare, of my own knowledge or on information and belief, that:

My residence, post office address and country of citizenship are as stated below next to my name;

I am the original, first and sole inventor, if only one inventor is identified below, or an original, first and joint inventor, if more than one inventor is identified below, of the subject matter which is claimed and for which a patent is sought and which is entitled:

FERRULE

and which is described and claimed:

_____ in the attached application including specification and claims if this line is marked, or

 X in the original specification and claims filed on October 29, 2001 as U.S. Patent Application Number 10/055,611 or PCT International Application Number _____.

I have reviewed and understand the contents of the specification and the claims;

I acknowledge the duty to disclose information which is material to the examination of the application in accordance with 37 CFR §1.56(a). The text of 37 CFR §1.56(a) states,

"A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual

to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine: 1) prior art cited in search reports of a foreign patent office in a counterpart application, and 2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office;"

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Provisional Application No.: _____
Filing Date: _____

This application is a continuation pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No.: _____
U.S. Filing Date: _____ Status: _____

This application is a continuation-in-part pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No: 09/858,522
U.S. Filing Date: May 16, 2001 Status: _____

and I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56(a) which became available between the

filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I claim foreign priority, pursuant to 35 USC §119(a)-(d) of an application for patent or inventor's certificate, and identify below said application (if any is identified) and any such foreign application (if any is identified) having a filing date before that of the application on which foreign priority is claimed;

Application No.: 2000-143084 Country: Japan
Filing Date: May 16, 2000

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and I am warned that willful false statements and the like are punishable by fine or imprisonment, or both, (18 USC §1001) and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint Salvatore Anastasi (Registration No. 39090), Michael J. Aronoff (Registration No. 37770), Stephen J. Driscoll (Registration No. 37564) Robert J. Kapalka (Registration No. 34198), Driscoll A. Nina, Jr. (Registration No. 34685), and Bruce J. Wolstoncroft (Registration No. 32075), and whose post office address is: The Whitaker Corporation, 4550 New Linden Hill Road, Suite 450, Wilmington, DE 19808-2952, or their duly appointed associate, my attorneys or agents with full powers of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Direct all correspondence to the address:

**Tyco Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952**

Arie Hengelmolen

Date _____

Post Office Address Same as residence address

Sjoerd van Geffen

Post Office Address Same as residence address

Rene van Bakel

Post Office Address Same as residence address _____

Full Name of Fourth Inventor:

Ko Arts

Inventor's Signature

Date

Residence Houtstr 5, 5831 GG Boxmeer, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fifth Inventor:

Wilfred Vermeulen

Inventor's Signature

Date

Residence Torenstraat 24, 5473 EL, Heeswijk-Dinther,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Sixth Inventor:

Shurby Eloise

Inventor's Signature

Date

Residence st. Jorisstraat 12, 5253 BL, Nieuw-Cuick,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Seventh Inventor:

Martijn Scholten

Inventor's Signature

Date

Residence Elzepas 30, 6662 XC Elst, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Eighth Inventor:

Mike Gurreri

Inventor's Signature

Date

Residence 2156 Rillian Lane, York, Pennsylvania 17404, USA

Citizenship United States of America

Post Office Address Same as residence address

Full Name of Ninth Inventor:

Hiroyuki Yamada

Inventor's Signature

Date

Residence 19 Yawatakaigandori, Ichihara, Chiba, Japan

Citizenship Japan

Post Office Address Same as residence address

Full Name of Tenth Inventor:

Masahiro Hirao

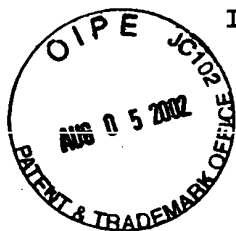
Inventor's Signature

Date

Residence 3-Chome Tatsumidai-higashi, Ichihara, Chiba, Japan

Citizenship The Netherlands

Post Office Address Same as residence address



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 17684A

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare, of my own knowledge or on information and belief, that:

My residence, post office address and country of citizenship are as stated below next to my name;

I am the original, first and sole inventor, if only one inventor is identified below, or an original, first and joint inventor, if more than one inventor is identified below, of the subject matter which is claimed and for which a patent is sought and which is entitled:

FERRULE

and which is described and claimed:

_____ in the attached application including specification and claims if this line is marked, or

 X in the original specification and claims filed on October 29, 2001 as U.S. Patent Application Number 10/055,611 or PCT International Application Number _____.

I have reviewed and understand the contents of the specification and the claims;

I acknowledge the duty to disclose information which is material to the examination of the application in accordance with 37 CFR §1.56(a). The text of 37 CFR §1.56(a) states,

"A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual

to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine: 1) prior art cited in search reports of a foreign patent office in a counterpart application, and 2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office;"

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Provisional Application No.: _____
Filing Date: _____

This application is a continuation pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No.: _____
U.S. Filing Date: _____ Status: _____

This application is a continuation-in-part pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No: 09/858,522
U.S. Filing Date: May 16, 2001 Status: _____

and I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56(a) which became available between the

filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I claim foreign priority, pursuant to 35 USC §119(a)-(d) of an application for patent or inventor's certificate, and identify below said application (if any is identified) and any such foreign application (if any is identified) having a filing date before that of the application on which foreign priority is claimed;

Application No.: 2000-143084 Country: Japan
Filing Date: May 16, 2000

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and I am warned that willful false statements and the like are punishable by fine or imprisonment, or both, (18 USC §1001) and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint Salvatore Anastasi (Registration No. 39090), Michael J. Aronoff (Registration No. 37770), Stephen J. Driscoll (Registration No. 37564) Robert J. Kapalka (Registration No. 34198), Driscoll A. Nina, Jr. (Registration No. 34685), and Bruce J. Wolstoncroft (Registration No. 32075), and whose post office address is: The Whitaker Corporation, 4550 New Linden Hill Road, Suite 450, Wilmington, DE 19808-2952, or their duly appointed associate, my attorneys or agents with full powers of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Direct all correspondence to the address:

**Tyco Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952**

Full Name of First Inventor:

Arie Hengelmolen

Inventor's Signature

Date


Residence Hofvijver 23, 5346 KB Oss, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Second Inventor:

Sjoerd van Geffen



Inventor's Signature

13/5 - 2002

Date

Residence Distellaar 52, 5467 BP Veghel, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Third Inventor:

Rene van Bakel

Inventor's Signature

Date

Residence Bram van den Berghstraat 115, 5348 JZ, Oss,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fourth Inventor:

Ko Arts

Inventor's Signature

Date

Residence Houtstr 5, 5831 GG Boxmeer, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Fifth Inventor:

Wilfred Vermeulen

Inventor's Signature

Date

Residence Torenstraat 24, 5473 EL, Heeswijk-Dinther,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Sixth Inventor:

Shurby Eloise

Inventor's Signature

Date

Residence st. Jorisstraat 12, 5253 BL, Nieuw-Cuick,
The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Seventh Inventor:

Martijn Scholten

Inventor's Signature

Date

Residence Elzepas 30, 6662 XC Elst, The Netherlands

Citizenship The Netherlands

Post Office Address Same as residence address

Full Name of Eighth Inventor:

Mike Gurreri

Inventor's Signature

Date

Residence 2156 Rillian Lane, York, Pennsylvania 17404, USA

Citizenship United States of America

Post Office Address Same as residence address

Full Name of Ninth Inventor:

Hiroyuki Yamada

Inventor's Signature

Date

Residence 19 Yawatakaigandori, Ichihara, Chiba, Japan

Citizenship Japan

Post Office Address Same as residence address

Full Name of Tenth Inventor:

Masahiro Hirao

Inventor's Signature

Date

Residence 3-Chome Tatsumidai-higashi, Ichihara, Chiba, Japan

Citizenship The Netherlands

Post Office Address Same as residence address